

INFORMATION SHEET

ORDER NO.
UNITED STATES AIR FORCE- BEALE AIR FORCE BASE
LANDFILLS NO. 2 AND NO.3
CLASS III LANDFILLS
POSTCLOSURE MAINTENANCE AND MONITORING
YUBA COUNTY

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The United States Air Force owns and formerly operated several landfills at Beale Air Force Base. Beale Air Force Base operated Landfill No. 2 from the early 1950's until 1993 and operated Landfill No. 3 from 1981 until 1993. Landfill No. 2 received photo waste treatment sludge, unknown amounts of petroleum/chemical wastes, residential and general base refuse until 1980. After 1980 and until 1993, Landfill No. 2 accepted dirt, wood, and other inert construction and ground maintenance debris. Landfill No. 2 covers 56 acres and Landfill No. 3 covers about 27 acres. Landfill No. 2 was operated as a trench and fill with 15 to 20 foot deep trenches. In Landfill No. 3 wastes were discharged to trenches 15 to 25 deep, 40 to 60 feet wide at the top, and 600 to 2000 feet in length

Closure of the Landfills was completed between 1996 and 1997 and was conducted in accordance with the *Revised Final Closure and Post Closure Maintenance Landfill No. 2 Report, January 1997* and the *Revised Final Closure and Post Closure Maintenance Plan Landfill No. 3 Report, April 1996*. The cover of Landfill No. 2 is comprised of a 24- inch thick foundation layer, a 12-inch thick clay cap and an 18-inch thick vegetative layer. The cover of Landfill No. 3 is comprised of a 24-inch thick foundation layer, 60-mil high density polyethylene (HDPE) barrier layer and a 12-inch thick vegetative layer. The landfills do not contain leachate collection and removal systems,

These revised Waste Discharge Requirements for post closure maintenance and monitoring replace Waste Discharge Requirements Order No. 96-015.

There are six groundwater monitoring wells at Landfill No.2. Two (MWP-5 and MWP-6) of these wells are upgradient of the landfill and four wells (MWP-1, MWP-2, MWP-3 and MWP-4) are downgradient of the landfill. There are six groundwater monitoring wells at Landfill No. 3. Two (MWP-5 and MWP-6) of these wells are upgradient of the landfill and four wells (MWP-1, MWP-2, MWP-3 and MWP-4) are downgradient of the landfill. Monitoring well MWP-1, downgradient of Landfill No.3, has detected low concentrations of trichloroethene (TCE) on an infrequent basis. Concentrations of TCE have ranged from 0.95 to 2.6 µg/L. The concentrations are relatively low suggesting that the impact to groundwater is limited in extent. This order requires continued monitoring of groundwater at both landfills.

RRR: 4/21/06